



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KADEL *et al.*

Serial No.: 10/039,306

Conf. No.: 8288

Filed: October 22, 2001

For: *EXTENSIBLE INFORMATION
SYSTEM*

Art Unit: 2183

Examiner: Unassigned

CERTIFICATE OF MAILING PURSUANT TO 37 CFR 1.8

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202, on this date.

March 26, 2002
Date

Rita H. Jennings
Rita H. Jennings

PRELIMINARY AMENDMENT

Commissioner for Patents
US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202

Dear Sir:

Preliminary to examination of the above-captioned patent application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked up copy of the amended specification is attached to this Amendment):

Please replace the paragraph on page 100, lines 10-19, with the following:

Data item commands, also known as JAF Commands (based on "JavaBeans Activation Framework") may also be implemented within XIS. The JAF API is a part of Java and provides a way to associate commands with object. By using JAF, developers may take advantage of standard Java interfaces to determine the type of an arbitrary piece of data, encapsulate access to it, discover the operations available for it, and to instantiate the appropriate bean to perform said operation(s). For example, if a browser obtained a JPEG image, JAF would enable the browser to identify that the stream of data is a JPEG image, and from that type, the browser could locate and instantiate an object that could manipulate, or view that image. JAF commands are typically used in pop-up menus or menu bars to control objects.

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TRANSMITTAL LETTER

Commissioner for Patents
US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202

Sir:

Transmitted herewith is a Preliminary Amendment with an attachment of marked up paragraphs for filing in connection with the above-identified application. Because this Preliminary Amendment is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

[X] The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

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